

FIG. 1

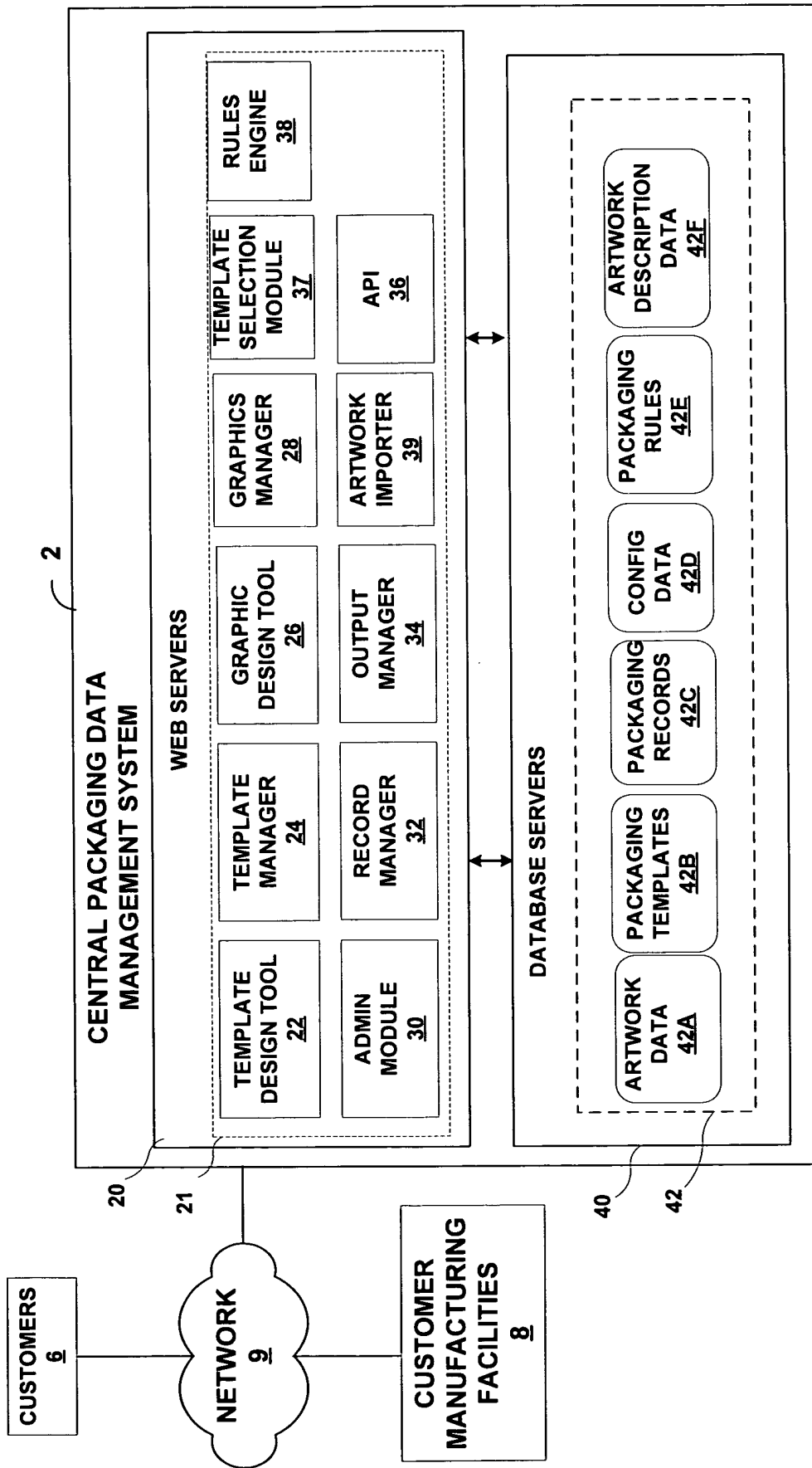


FIG. 2

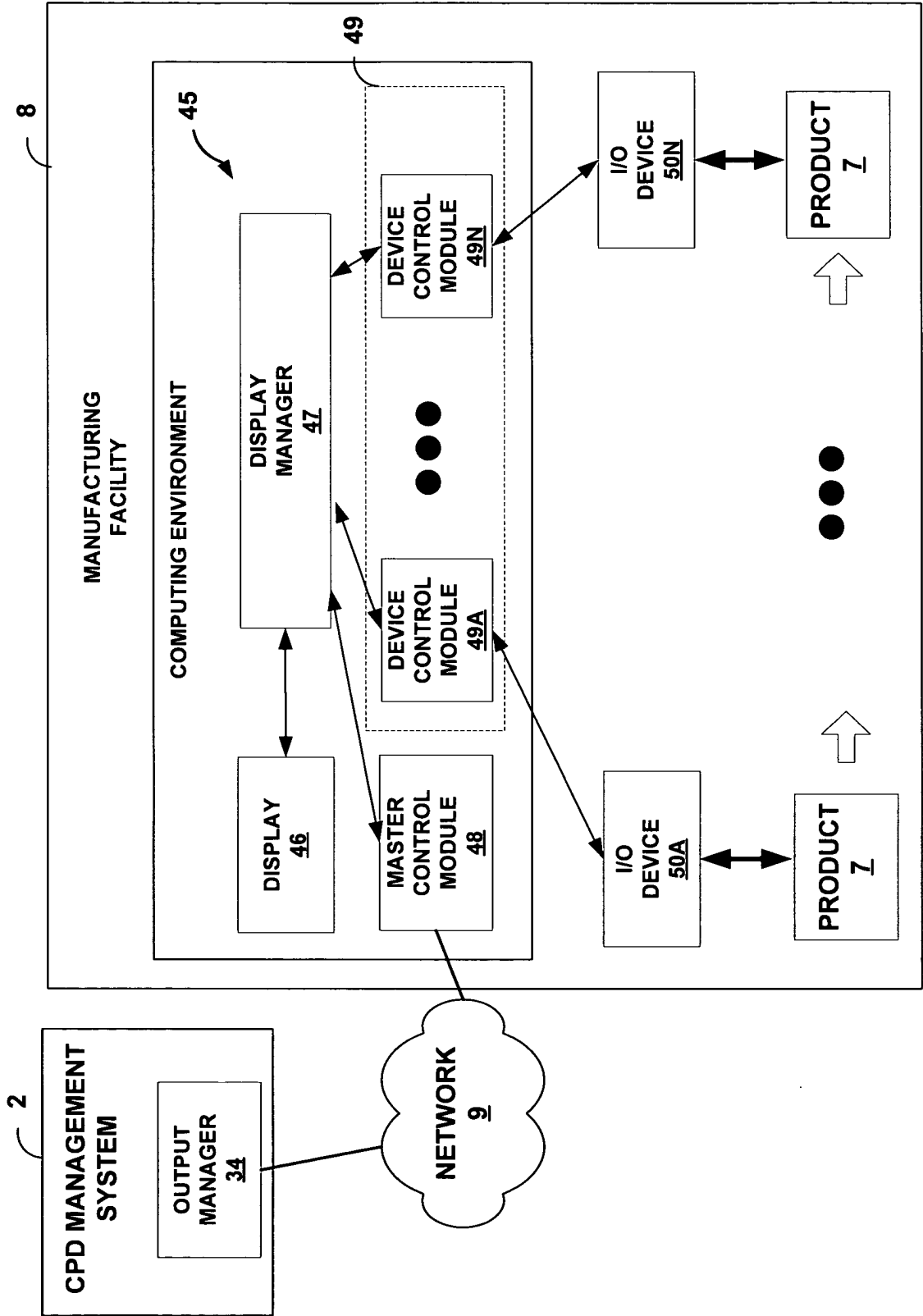


FIG. 3

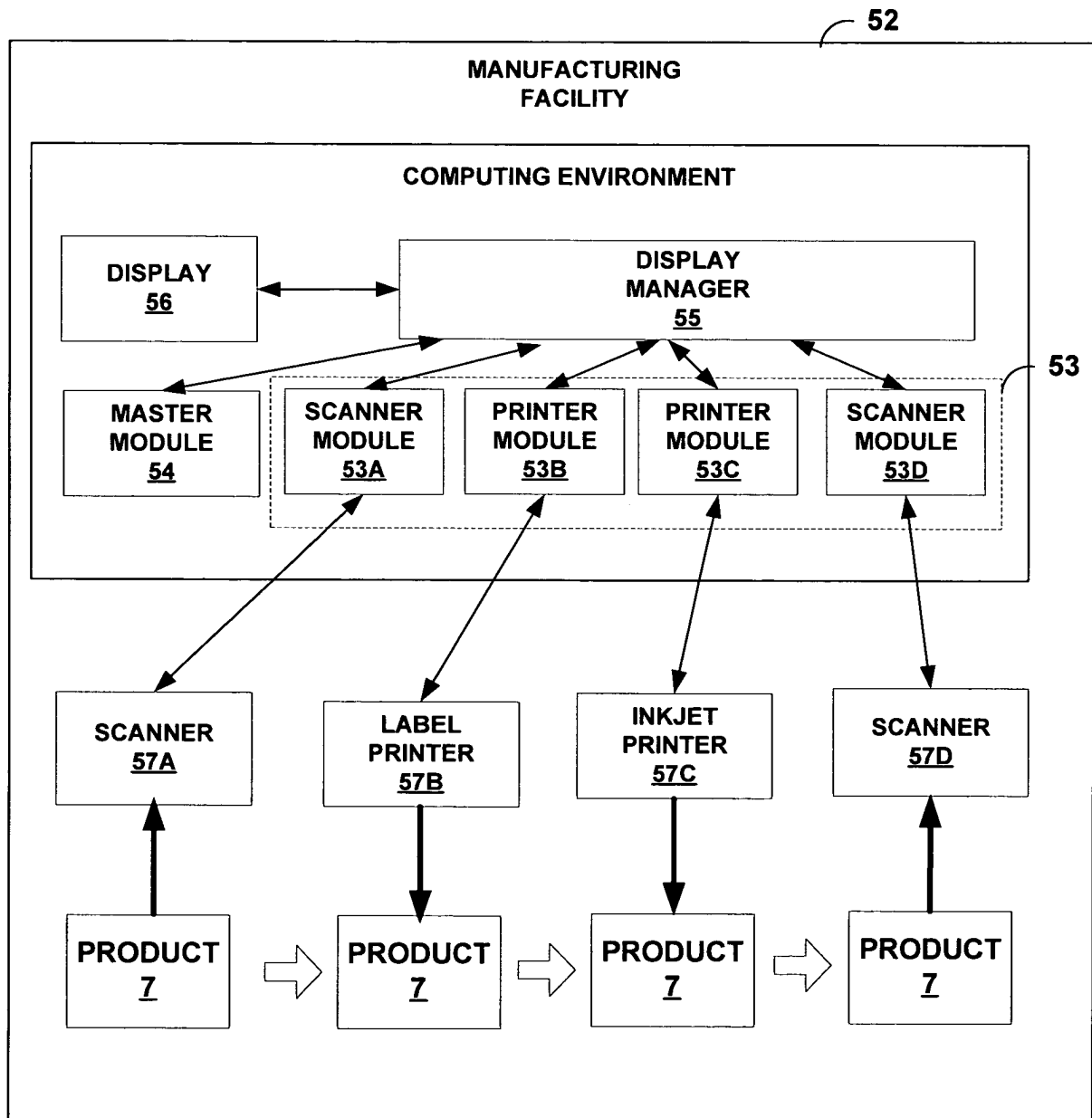


FIG. 4

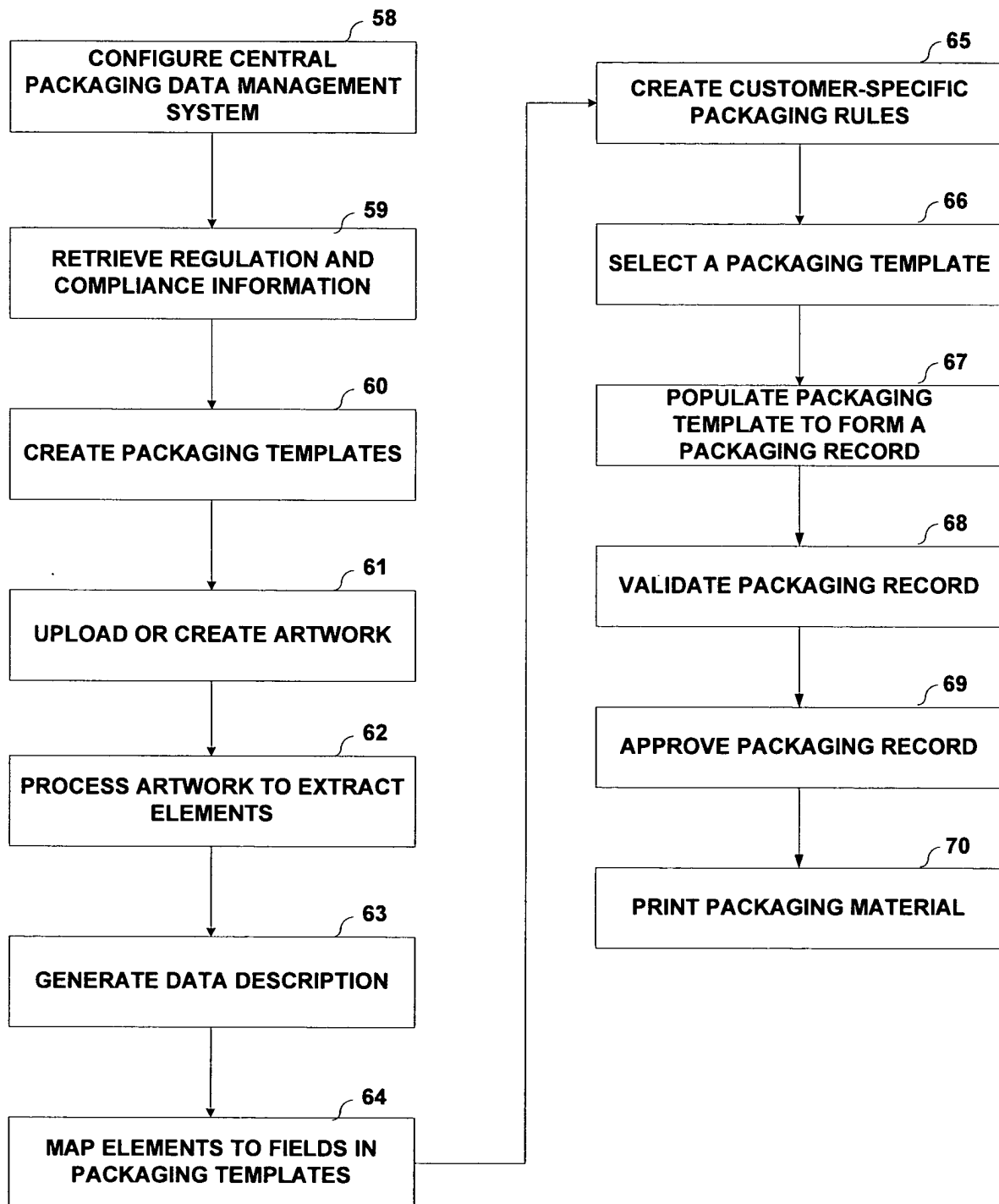


FIG. 5

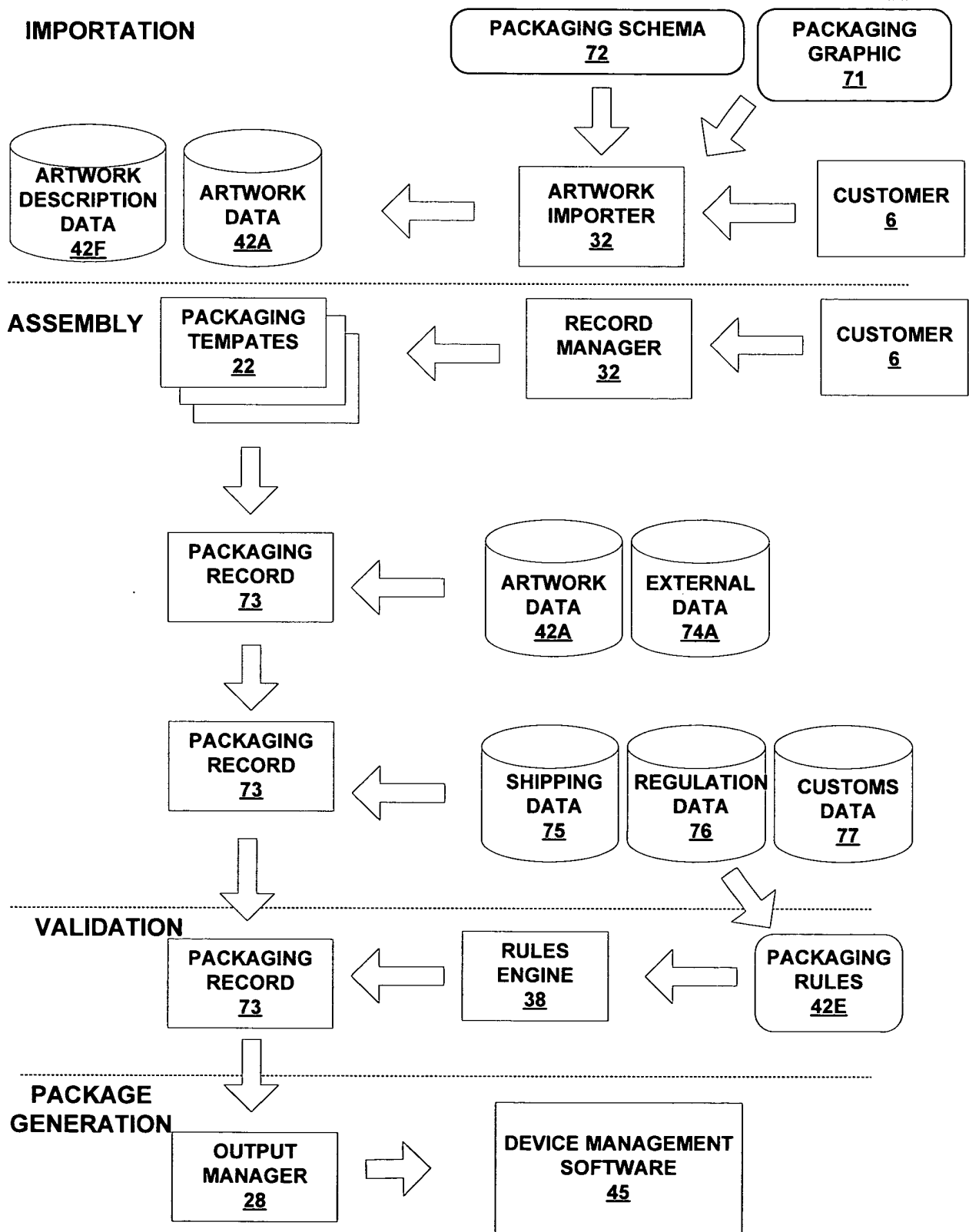


FIG. 6

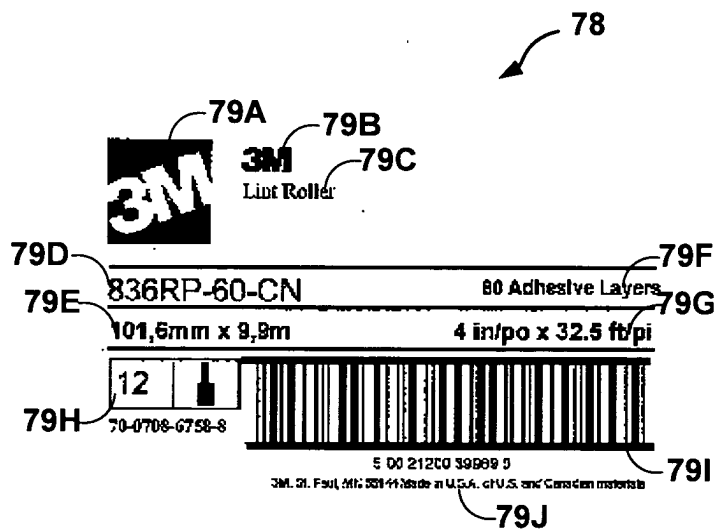


FIG. 7

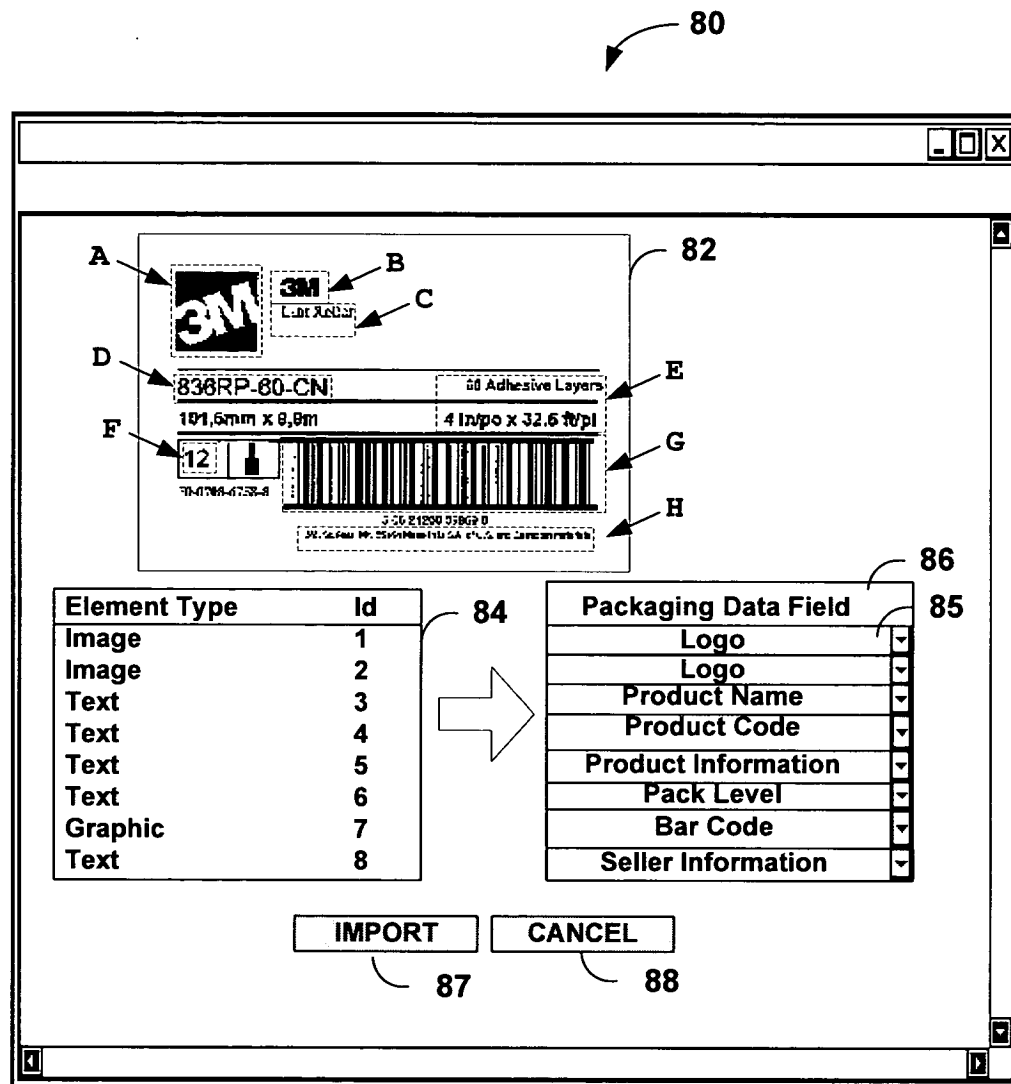


FIG. 8

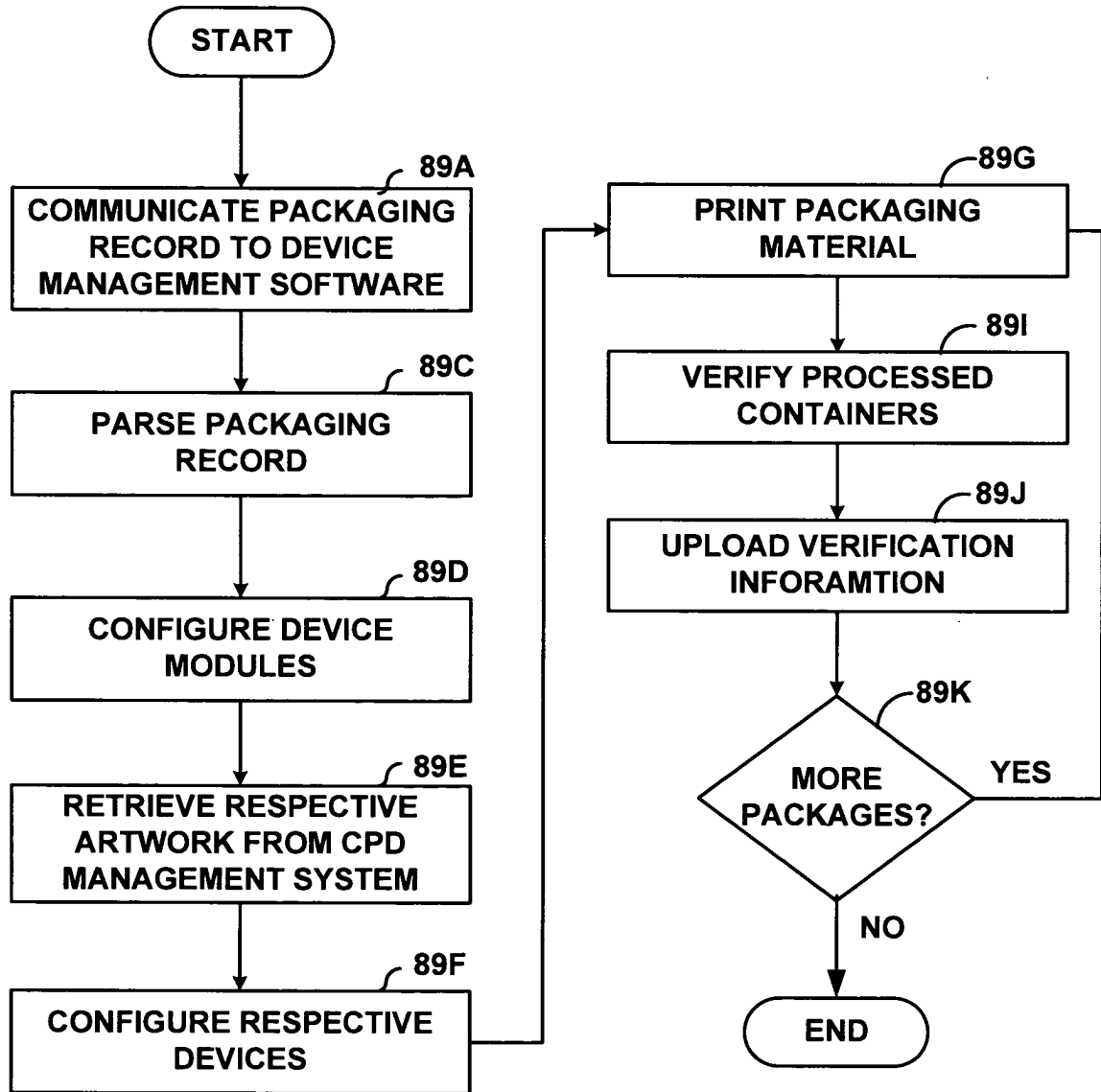


FIG. 9

TEMPLATE MANAGEMENT			
91A	91B	91C	91D
<input type="button" value="Add"/>	<input type="button" value="Template ID"/>	<input type="button" value="Status"/>	<input type="button" value="Name"/>
<input type="button" value="Update"/>	<input type="text" value="12345678"/>	<input type="text" value="Draft"/>	<input type="text" value="Label Name"/>
<input type="button" value="Change"/>	<input type="button" value="Global"/>	<input type="button" value="Markets"/>	<input type="button" value="Business Units"/>
<input type="button" value="Save"/>	<input type="button" value="Pack Levels"/>	<input type="text" value="Electronics"/>	<input type="text" value="Data Storage Division"/>
<input type="button" value="Search"/>	<input type="button" value="Date of Entry"/>	<input type="button" value="Date of Approval"/>	<input type="button" value="Trustee"/>
<input type="button" value="Global"/>	<input type="button" value="91G"/>	<input type="button" value="91H"/>	<input type="button" value="91E"/>
<input type="button" value="PackLevel"/>	<input type="button" value="Template Size"/>	<input type="button" value="Suggested Print Material"/>	<input type="button" value="91F"/>
<input type="button" value="Market"/>	<input type="text" value="5x7"/>	<input type="text" value="Polyester"/>	<input type="text" value="Collin Houghton"/>
<input type="button" value="Business Units"/>	<input type="button" value="Description"/>	<input type="button" value="91L"/>	<input type="button" value="Supersedes"/>
<input type="button" value="Enter Template ID"/>	<input type="button" value="Attach File"/>	<input type="text" value="Label.lib"/>	<input type="button" value="Old Label"/>
<input type="button" value="Search"/>	<input type="button" value="Display"/>	<input type="button" value="Browse"/>	<input type="button" value="Search Results"/>

FIG. 10

3M Package Engineering

Central Labeling Database

CLD Graphics Management System

Control Panel

94 Add

99 Approve

Configure

Swap

Cancel

95 Search

Enter a graphic name:

Search

Clear Results

Graphic Data

100

Status

Date of Entry

Date Approved

Trustee

Superseded by

Unique Graphic ID

1234

Name

Corporate Logo

98 Description

Flying Wings Corporate Logo

Categories

☐ Peck Level ☐ Logo ☐ Symbol

Source Path And Filename

97

J:\Logos\flyingswings.jpg

Browse

Graphics Viewer

98

View

Results

Name	Id Number	Status

FIG. 11

101

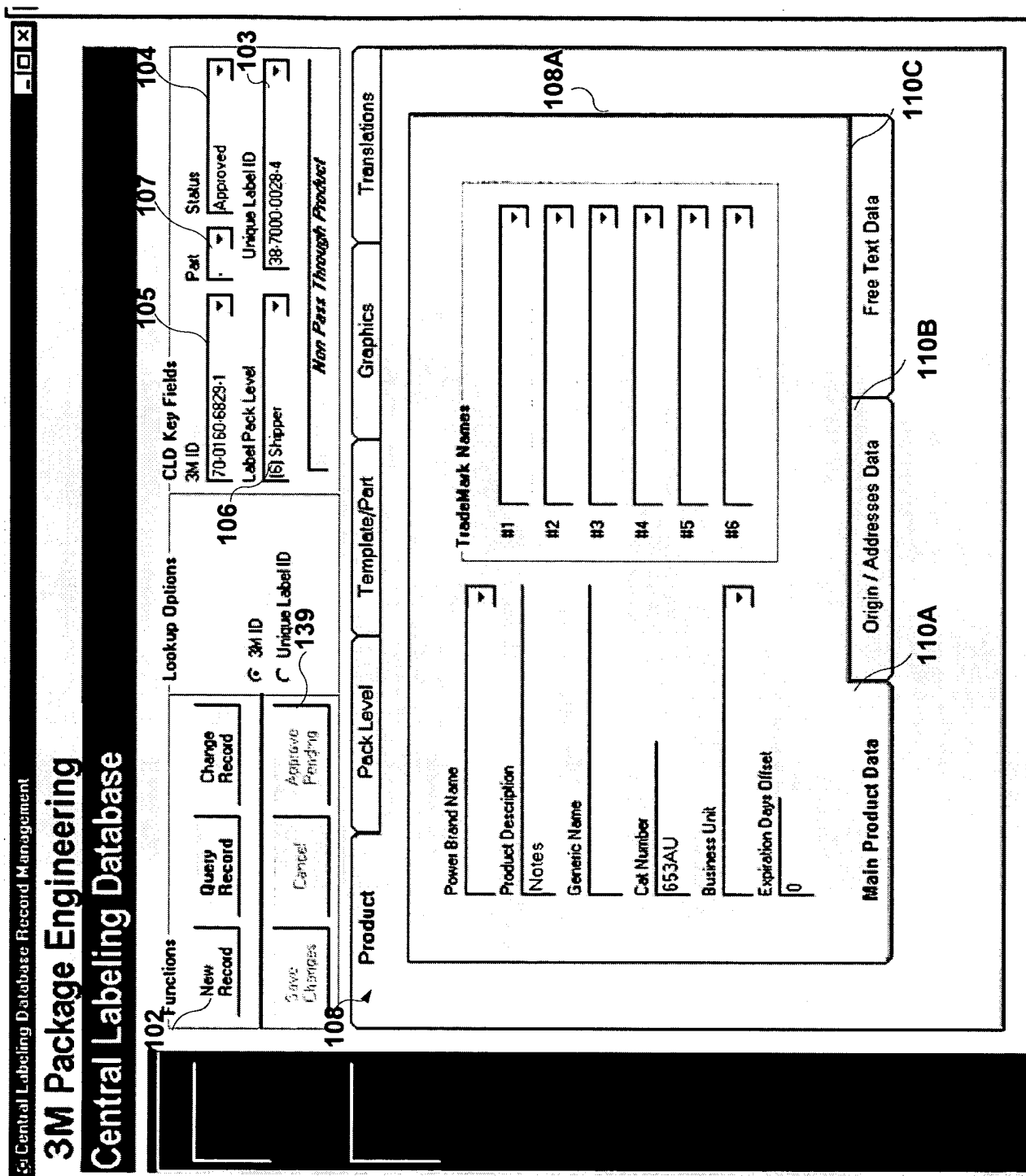


FIG. 12

3M Package Engineering Central Labeling Database

New Record

Query Record

Change Record

Save Changes

Cancel

Approve Pending

Lookup Options

3M ID

Unique Label ID

CLD Key Fields

3M ID

70-0180-6829-1

Label Pack Level

(6) Shipper

Part

Approved

Unique Label ID

38-7000-0028-4

Status

Approved

Non Pass Through Product

Product

Pack Level

Template/Part

Graphics

Translations

Country Of Origin

Country Of Origin

Made in the U.S.A.

Made In Translations

#1 French

#2 Latin American Spanish

#3

#4

#5

#6

Addresses

#1 3M St Paul

#2

#3

#4

#5

#6

Main Product Data

Origin / Addresses Data

Free Text Data

FIG. 13

3M Package Engineering

Central Labeling Database

Functions		Lookup Options		CLD Key Fields	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">New Record</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Query Record</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Change Record</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Save Changes</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Cancel</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Approve Pending</div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">3M ID</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Unique Label ID</div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">70-0150-6829-1</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Unique Label ID</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">38-7000-0028-4</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Shipper</div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Approved</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Unique Label ID</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">38-7000-0028-4</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Shipper</div>		
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 108B </div>		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Non Pass Through Product </div>			

Product	Pack Level	Template/Part	Graphics	Translations
<div style="border: 1px solid black; padding: 5px;"> Pack Level Options </div>				
1	2	3	4	5
6	7	8	9	Billing Unit

Pack Level Detail Data	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Quantity</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">In Icon</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Per Icon</div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Imperial Dimensions</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Metric Dimensions</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Imperial Weight</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Metric Weight</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Barcode Symbology</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Barcode Content</div>
120	124

PACK OUT LINE SUMMARY:	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">12</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">36</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">16</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">16</div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Intermediate Pack-1</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Shipper</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Billing Unit</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">124</div>

FIG. 14

3M Package Engineering Central Labeling Database

101

New Record

Query Record

Change Record

Save Changes

Cancel

Approve Pending

Look Up Options

☒ 3M ID
☐ Unique Label ID

108C

CLD Key Fields

3M ID

70-0160-6829-1

Pat

Approved

Status

Approved

Label Pack Level

(6) Shipper

Unique Label ID

38-7000-0028-4

Non Pass Through Product

Product

Pack Level

Template/Part

Graphics

Translations

Template Key Data

Pack Level

(6) Shipper

Pat

Approved

Status

Approved

Template Lookup

☒ No Business Unit
☒ No Market
☒ (6) Shipper

Templates

Pack Level Shipper

View Label

128

Scotchgard™

3M™

hkl

Original 100% 100%

23245

3in X 3in

12

12

70-0001-7333-4

FIG. 15

3M Package Engineering Central Labeling Database

101

New Record

Save Changes

Query Record

Cancel

Change Record

Approve Pending

CLD Key Fields

3M ID

70-0160-6829-1

Label Pack Level

[6] Shipper

Part

Unique Label ID

38-7000-0028-4

Status

Approved

Lookup Options

3M ID

Unique Label ID

108D

Non Pass Through Product

Product

Pack Level

Label Graphic Symbols

Field Name

Graphic_Field_1

Category

Logo

Choice

3M Super Logo graphic

Pack Level

[6] Shipper

Part

Add

Change

Delete

Template/Part

Translations

134

132

FIG. 16

APPLICANT: JOSEPH J. BECHTEL ET AL.
 TITLE: CENTRALIZED MANAGEMENT OF PACKAGING DATA HAVING MODULAR REMOTE DEVICE CONTROL ARCHITECTURE
 ATTORNEY/AGENT: KENT J. SIEFFERT
 REG. NO. 41,312
 DOCKET NO.: 58889US002 (1004-082US01)

TELEPHONE: 651.735.1100
 SHEET 16 OF 21

101

Central Labeling Database Record Management

3M Package Engineering Central Labeling Database

APPLICANT: JOSEPH J. BECHTEL ET AL
TITLE: CENTRALIZED MANAGEMENT OF PACKAGING DATA HAVING MODULAR REMOTE DEVICE CONTROL ARCHITECTURE
ATTORNEY/AGENT: KENT J. SIEFFERT
REG. NO. 41,312 TELEPHONE: 651.735.1100
DOCKET NO.: 58889US002 (1004-082US01) SHEET 17 OF 21

New Record

Query Record

Change Record

Save Changes

Cancel

Approve Pending

Lookup Options

☒ 3M ID
☐ Unique Label ID

CLD Key Fields

3M ID

70-0160-6829-1

Label Pack Level

(6) Shipper

Part

Unique Label ID

38-7000-0028-4

Status

Approved

Non Pass Through Product

108E

Product

Pack Level

Template/Part

Graphics

Translations

Product Description Translations

Pack Level

(6) Shipper

Part

Add

Change

Delete

Language

French

Latin Americ...

Translation Text

Feuillets

Notas

Product Description:

Notes

FIG. 17

Central Labeling Database Output Module

3M Package Engineering

Central Labeling Database

Print Labels

View Approved Labels

CLD Help

Label Search

Data Source

☐ Local Data Source ☒ Central Data Source

Search By:

☒ 3M ID Number

☐ Unique Label ID

3M ID: 70-0160-3745-2

Pack Level: (6) Shipper

Part: .

Look Up

FIG. 18

140

Central Labeling Database Output Module
3M Package Engineering
Central Labeling Database

Print Labels		View Approved Labels		CLD Help																			
Label Search <div> <input type="radio"/> Local Data Source <input checked="" type="radio"/> Central Data Source </div> <div> Search By: <div> <input checked="" type="radio"/> 3M ID Number <input type="radio"/> Unique Label ID </div> <div> 3M ID: 70-0160-4442-5 <div> Pack Level: (6) Shipper Pat: </div> </div> </div> <div> <div>33700300235</div> <div>Look Up</div> </div>																							
Label Detail Data <table border="1"> <tr> <td>Product Description</td> <td>Catalog Number</td> <td>Barcode Content</td> </tr> <tr> <td>Notes</td> <td>653RP</td> <td>5002120000339</td> </tr> <tr> <td>Imperial Dimensions</td> <td>Metric Dimensions</td> <td>Metric Weight</td> </tr> <tr> <td>1.5 in/po x 2 in/po</td> <td>38.1 mm x 50.8 mm</td> <td></td> </tr> <tr> <td>Template Name</td> <td>Suggested Label Stock</td> <td>Calculated Expiration Date</td> </tr> <tr> <td>Post It Shipper</td> <td></td> <td>No Offset Specified</td> </tr> </table>						Product Description	Catalog Number	Barcode Content	Notes	653RP	5002120000339	Imperial Dimensions	Metric Dimensions	Metric Weight	1.5 in/po x 2 in/po	38.1 mm x 50.8 mm		Template Name	Suggested Label Stock	Calculated Expiration Date	Post It Shipper		No Offset Specified
Product Description	Catalog Number	Barcode Content																					
Notes	653RP	5002120000339																					
Imperial Dimensions	Metric Dimensions	Metric Weight																					
1.5 in/po x 2 in/po	38.1 mm x 50.8 mm																						
Template Name	Suggested Label Stock	Calculated Expiration Date																					
Post It Shipper		No Offset Specified																					
Variable Run-Time Data <table border="1"> <tr> <td>Lot Number:</td> <td>Batch Code:</td> <td>Quantity</td> <td>Available Printers</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>Pkg:HP4050-224-1e</td> </tr> </table>						Lot Number:	Batch Code:	Quantity	Available Printers			1	Pkg:HP4050-224-1e										
Lot Number:	Batch Code:	Quantity	Available Printers																				
		1	Pkg:HP4050-224-1e																				

140

Central Labeling Database Output Module

3M Package Engineering

Central Labeling Database

Print Labels

View Approved Labels

CLD Help

Approved Label Lookup

3M ID Number
70-0160-3745-2

Pack Level
(6) Shipper

Part

Look Up

154

156

FIG. 20

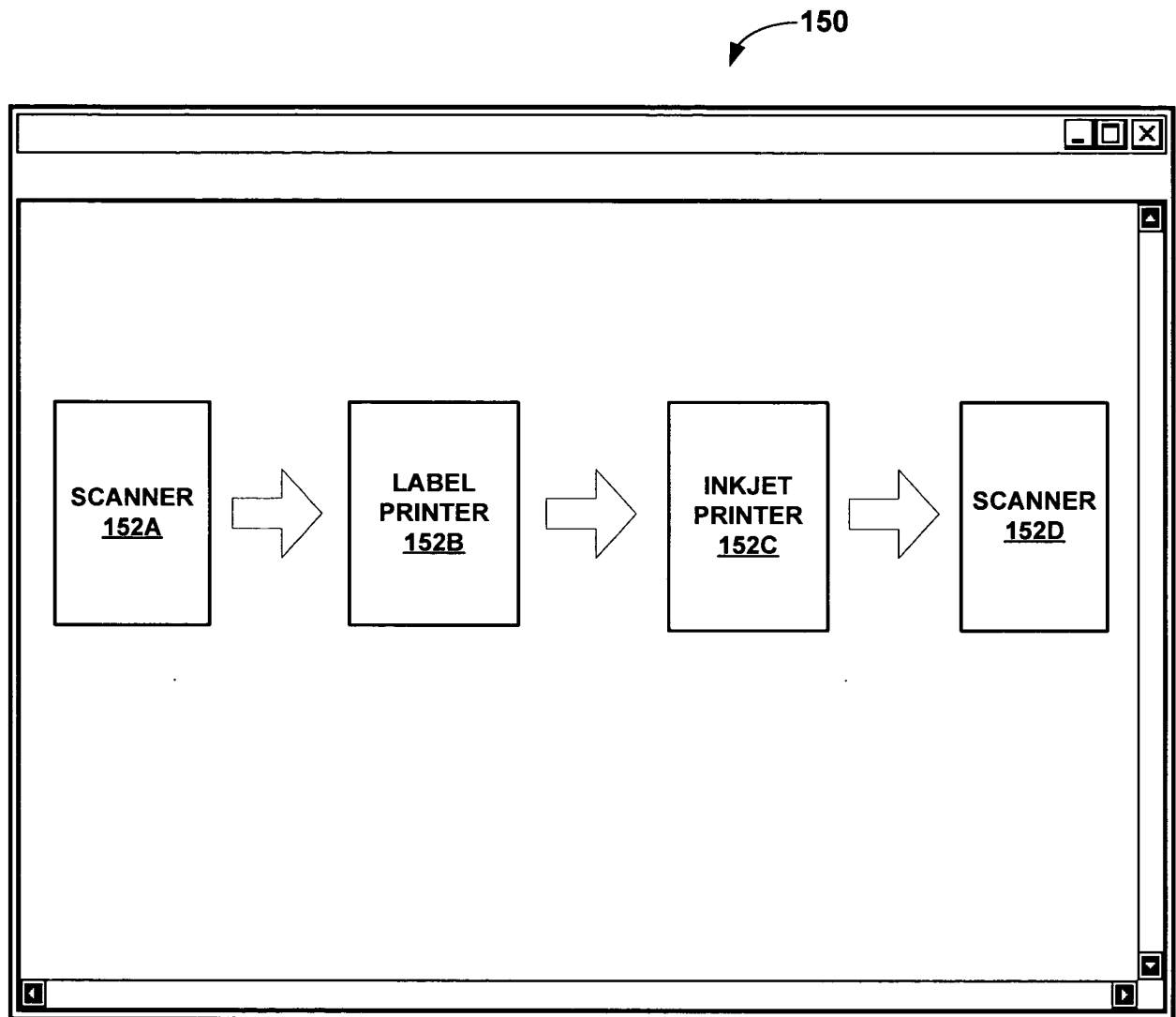


FIG. 21